

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Sandeep Kanumuri</td><td>06/23/2008</td></tr><tr><td>Onur G. Guleryuz</td><td>06/18/2008</td></tr><tr><td>Reha Civanlar</td><td>06/19/2008</td></tr></tbody></table>	Name	Execution Date	Sandeep Kanumuri	06/23/2008	Onur G. Guleryuz	06/18/2008	Reha Civanlar	06/19/2008	
Name	Execution Date								
Sandeep Kanumuri	06/23/2008								
Onur G. Guleryuz	06/18/2008								
Reha Civanlar	06/19/2008								
RECEIVING PARTY DATA									
Name:	DoCoMo Communications Laboratories USA, Inc.								
Street Address:	3240 Hillview Avenue								
City:	Palo Alto								
State/Country:	CALIFORNIA								
Postal Code:	94304								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12140829</td></tr></tbody></table>	Property Type	Number	Application Number:	12140829					
Property Type	Number								
Application Number:	12140829								
CORRESPONDENCE DATA									
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NAME OF SUBMITTER:	Michael J. Mallie, Reg. No. 36,591								
Total Attachments: 2 source=6655_P135_assign#page1.tif source=6655_P135_assign#page2.tif									

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PATENT
REEL: 021287 FRAME: 0760

Attorney's Docket

ASSIGNMENT

PATENT

No.: 006655.P135 (For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we

the undersigned, Sandeep Kanumuri, Onur G. Guleryuz and Reha Civanlar

hereby sell, assign, and transfer to DoCoMo Communications Laboratories USA, Inc.

a corporation of Delaware, having a principal place of business at 3240 Hillview Avenue, Palo Alto, California 94304 USA, ("Assignee").

and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that was filed June 17, 2008 and assigned Application No. 12/140,829 and is entitled

IMAGE/VIDEO QUALITY ENHANCEMENT AND SUPER-RESOLUTION USING SPARSE TRANSFORMATIONS

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

06/23, 2008
Date

K. Sandeep
Name: Sandeep Kanumuri

06/18, 2008
Date

Onur G. Guleryuz
Name: Onur. G. Guleryuz

6/19, 2008
Date

Reha Civanlar
Name: Reha Civanlar

Each Inventor: Please
also list the date that
you signed the
accompanying
**DECLARATION AND
POWER OF
ATTORNEY:**

06/23, 2008
Date

06/18, 2008
Date

6/19, 2008
Date

Assignment Document Return Address:

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